

COMMONWEALTH OF PENNSYLVANIA

SECTION 106 WATER POLLUTION CONTROL GRANT
FFY 2016 PROGRESS REPORT

FOR THE PERIOD
April 1, 2016 through September 30, 2016

PREPARED BY
BUREAU OF CLEAN WATER
PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

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Work Plan Component/Program: Water Quality Assessment and Reporting	EPA Contact (s): William Richardson	State Contact: Gary Walters	PRC: 202B06	
Program Description: Pennsylvania Water Quality Assessment Program.				
Outputs for FY 2016 (Commitments)	Activities for FY 2016 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered
Complete the 2016 Integrated Water Quality Monitoring and Assessment Report (Integrated Report) and submit to EPA Region 3 by April 1, 2016 including finalizing aquatic life use assessments of the Susquehanna River and the tributaries in segments where data collections are complete.	Submit Integrated Report updates and revisions including waterbodies moved from Category 5 to Category 1 and Category 2	Published the Draft 2016 Integrated Report for public comment on July 31, 2016 for a 45-day comment period. The comment period closed on September 12, 2016. Staff are currently responding to comment and it is anticipated that the final 2016 Integrated Report will be submitted to Region 3 for review and approval during the next reporting period. Staff are currently reviewing and analyzing 2016 PA Fish and Boat Commission data on Susquehanna Smallmouth Bass populations and disease prevalence statistics to further clarify aquatic life use attainment.		
Complete the 2016 Integrated Water Quality Monitoring and Assessment Report (Integrated Report) and submit to EPA Region 3 by April 1, 2016 including finalizing aquatic life use assessments of the Susquehanna River and the tributaries in segments where data collections are complete. Continue probabilistic monitoring component of the recreational use assessment in conjunction with targeted monitoring until all surface waters are assessed.	Submit Integrated Report updates and revisions including causes removed from Category 5 waterbodies.			
Complete the 2016 Integrated Water Quality Monitoring and Assessment Report (Integrated Report) and submit to EPA Region 3 by April 1, 2016 including finalizing aquatic life use assessments of the Susquehanna River and the tributaries in segments where data collections are complete.	Submit Integrated Report revisions including waterbodies moved from Category 5 to Category 1 and Category 2.			
	Identify impaired watersheds (Categories 4 & 5) where implemented BMPs suggest water quality improvement and re-assess.			
Complete the 2016 Integrated Water Quality Monitoring and Assessment Report (Integrated Report) and submit to EPA Region 3 by April 1, 2016 including finalizing aquatic life use assessments of the Susquehanna River and the tributaries in segments where data collections are complete.	Report number of miles attained, impaired, and with approved TMDLs for aquatic life, potable water supply, fish consumption and recreational uses.			
EPA Comments:				
DEP Response:				

Work Plan Component/Program: Water Quality Standards		EPA Contact(s): Denise Hakowski	State Contacts: Bill Brown. Tom Barron	
Outputs for FY 2016 (Commitments)	Activities for FY2016 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered
Continue to develop nutrient criteria for surface waters (streams and lakes) in Pennsylvania.	Contract services to collect and evaluate scientific data related to nutrient criteria development in streams and lakes.	We tried to contract a lake profile data analysis on lakes and have gotten resistance on the use of TMDL 319 funds from EPA. We are pursuing other funding mechanisms or approaches, but this delay will push the execution of the contract into late 2017 or 2018. We have one last contract with Central Michigan to 1) harmonize algal species data analyzed by different taxonomists and 2) create diatom sensitivity indices for quantifying community integrity.	Unknown	A problem regarding the harmonization of species data analyzed through different laboratories was only discovered in the past year and has proven difficult to remedy. Creation of diatom community structure index cannot proceed until resolved.
	Continue data collection and assimilation for streams and lakes in accordance with agreed upon nutrient criteria development schedule.	Water quality, CIM and macroinvertebrate data being collected statewide to nearly double the number of sites used in the Nutrient Impact Assessment Protocol proposed last year.	November 2016	
	Revisit lake assessment methodologies. Contract service to work with lake profile data and establish a path for development of criteria based on use attainment.	Ongoing process with lake methodologies. Reorganization of water programs at DEP affected lakes and new program supervisors are looking at extensive modifications to the lake data collection efforts that will happen over the next several years.		
	Continue data compilation and summary for use in preparing assessment protocol for determining nutrient impairment in streams.	Ongoing compilation and assimilation of the data in between sampling events. Data will be corrected and analyzed over the winter months and processed into a revised protocol.	Spring 2017	
Continue to follow and update the Nutrient Criteria Development Plan.	Complete the milestones outlined in the plan and update the plan as appropriate. Additional updates will address milestones for wadeable streams/small rivers already completed, revisions to those that have been delayed, and	Hadn't met milestones due to the need for data collection to support scientifically defensible protocols for streams. Based on EPA comments that data changes were no longer acceptable, DEP has decided to	Unknown	None

	inclusion of new work.	<p>proceed with the work of collecting data instead of revising artificial deadlines.</p> <p>Will continue with lakes once a funding mechanism can be restored.</p>		
Complete a review of Pennsylvania's Water Quality Standards and make changes, as appropriate, at least once every three years. As part of this Triennial Review complete revisions to existing regulations, as appropriate.	Maintain surface water quality standards; develop human health and aquatic life criteria for substances as needed; interpret reports and recommendations; prepare rulemaking packages for site-specific changes to water quality standards, such as stream redesignations; correct errors and omissions discovered in implementation of the standards; review and update technical guidance documents to reflect changes in water quality standards; and continue development of the WQS database.	<p>DEP is drafting Pennsylvania's next triennial review of WQS (TR17).</p> <p>Staff continues to work with the contractor (Stroud Water Research Center) conducting chloride and sulfate toxicity studies.</p> <p>Staff reviewed the EPA proposed criteria for ammonia, the recreational use (bacteria) criteria, and the new human health criteria for toxic substances.</p> <p>DEP is currently consulting with EPA regarding outstanding issues and questions related to review and development of aquatic life criteria for freshwater chloride.</p> <p>DEP anticipates presenting updates and clarifications to Chapters 93 (WQS) and 16 (WQ Toxics Mgmt Strategy – Statement of Policy), for consideration as proposed rulemaking by the Environmental Quality Board (EQB), during the next reporting period, and during FY'17, intends to hold a public hearing for the purpose of reviewing Pennsylvania's WQS regulation.</p> <p>DEP developed a stream redesignation proposed rulemaking package (Class A Stream Redesignations), presented to and approved by EQB, containing over 50 stream segments. DEP is currently drafting final rulemaking, including response to comments for consideration by the EQB, during the next reporting period.</p>	<p>Year-round; On-going</p> <p>On-going; continuing into next reporting period.</p> <p>Approved by EQB on Nov. 17, 2015, published in Pa Bulletin March 5, 2016; 45-day public comment period closed on April 18, 2016.</p>	

		<p>DEP developed a stream redesignation proposed rulemaking package (Sober's Run, et al.), containing 4 stream segments, presented to the EQB and published in the Pa Bulletin for Public Comment. DEP currently drafting final rulemaking, including response to comments for consideration by the EQB, during the next reporting period.</p> <p>The Department's Central and Regional Office staff have consulted, as needed during this reporting period, on implementation of the Commonwealth's Antidegradation Policy; development of human health and aquatic life site-specific WQ criteria and guidance; and other related WQS review and implementation activities.</p>	<p>Approved by EQB on April 19, 2016; Published in Pa Bulletin June 11, 2016; 45-day public comment period closed on July 25, 2016.</p> <p>Year-round; On-going</p>	
EPA Comments:				
DEP Response:				

Work Plan Component/Program: TMDL		EPA Contact (s): Ashley Toy	State Contact: Bill Brown	PRC: 202B06
Program Description: TMDLs.				
Outputs for FY 2016 (Commitments)	Activities for FY2016 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered
A summary list of TMDLs developed that address full and partial impairments and long-term priorities consistent with EPA's <i>Long-Term Vision for Assessment, Restoration, and Protection under the Clean Water Act Section 303(d) Program</i> (the "Vision").	By the second quarter, FY 2016, coordinate on the development of the 2016 Integrated Report to include: updated summary list of TMDLs, and identify priority lists of waters slated for likely TMDL development or alternative approaches over 2016 – 2022 and the strategic rationale of the State in setting these priorities.	Inclusion of priority list in the draft 2016 IR was completed. In the process of addressing comments from potentially affected stakeholders. These efforts have continued the public engagement process along with integration of the TMDL Alternative process into the MS4 permitting process in the form of Pollutant Reduction Plans where the efforts can evolve into long term goal to meet WQS. Monthly calls resumed in the fourth quarter.		
	Continue engagement with the public on the Vision.			
	Participate on monthly calls with EPA to discuss the status of the State's 303(d) Program and implementation of the Vision prioritization and/or public engagement strategies, and efforts to coordinate Section 303(d) program priorities with other relevant programs.			
Proceed with Vision commitments for priority watersheds including TMDL development and exploration of TMDL alternatives. Focus will be on the following: Casselman River, Chiques Creek, Irish Creek, Octoraro Creek and at least three additional watersheds found on the list of priorities. This year at least 2 TMDLs will be submitted for EPA approval, unless an alternative plan is finalized.	Oversee Tetra Tech in the model selection and development for metals in the Casselman River watershed, including data sharing and review of deliverables. Hold kickoff meeting to establish stakeholder interest and form workgroups. Revise the TMDL or work on TMDL alternative for the Casselman River. Development of the finalized TMDL or Alternative will extend into FY17.	Contract is back in place and coordination has resumed with Tetra Tech. Over the contract lapse, DEP has been collecting discharge and water quality data at 20 sites in the Casselman River watershed to supplement data collected for the original TMDL and necessary for calibration of MDAS.		

<p>Additional TMDLs or alternatives in non-priority areas will be done as necessary.</p> <p><u>Chiques Project Description:</u> Continue a pilot, cross-program approach to integrated and adaptive watershed planning and BMP implementation to address a watershed impaired by nutrients and sediment. Chiques Creek watershed was chosen based on stakeholder activity and potential for implementing the measures required for water quality standards attainment within a reasonable timeframe. The process includes extensive stakeholder involvement, activities aimed at understanding the sources of the nutrients and sediment and identification of measures and BMPs to reduce nutrients and sediment, and implementation of those measures and BMPs to satisfy regulatory requirements and attain water quality standards within a reasonable timeframe. Deliverables may not include a TMDL, but rather incremental water quality goals that are designed to fully restore the waterbody will be set and monitored.</p>	Oversee SRBC model development of load reductions for nutrients and sediment and public engagement process in Chiques Creek Watershed. Continue public engagement in pilot watershed including formation of smaller workgroups. Analyze in-stream data, including Continuous Instream Monitoring (CIM), water chemistry, and periphyton for use in modeling and revised listings. Deploy several more sondes and storm sampling equipment. Submit TMDL or TMDL alternative by third quarter.	All moving along. DEP may have underestimated the time and resources necessary to bring over a dozen municipalities, the agricultural community and other interested parties together with a clear goal. SRBC, along with PSU, have well organized work group efforts in stormwater and agricultural sectors along with municipal managers. CIM data still being collected. Equipment and human resources have limited collection to the same four sites, though the need for expansion of data collection efforts is revisited often and DEP will support any necessary efforts.		
	Revise the Irish Creek TMDL for sediment.	No progress on Irish Creek. DEP will prioritize it for completion over the next FY or two.		
	Review monitoring and assessment needs for TMDL and TMDL alternative development in priority watersheds to be integrated into DEP activities. Select three watersheds to initiate TMDL or alternative plans.	We are still in the process of finalizing our first list of priorities and engaging the public in the content and purpose of the list. DEP will report any revisions or developments with TDML or alternative list.		
	Report on additional TMDL or alternative plan development.	Monthly calls reinitiated in fourth quarter.		
	Participate on monthly calls with EPA to discuss the State's TMDLs, TMDL alternative, development and results of the State's 303(d) Program Vision prioritization strategy and/or its public engagement strategy, and efforts to coordinate Section 303d program priorities with other relevant programs (e.g., monitoring, nonpoint source control and NPDES programs) .			
EPA Comments:				
DEP Response:				

Work Plan Component/Program: State Review Framework (SRF) /Enforcement		EPA Contact (s): Chris Menen	State Contacts: Sean Furjanic	PRC: 202B06
Program Description: Initiate actions outlined in the Clean Water Act (CWA) Action Plan aimed to focus our NPDES planning and resources on the most significant sources of water quality impairment. The Office of Enforcement and Compliance Assurance and the Office of Water requested Region 3 to work with Pennsylvania DEP to identify water quality priorities at the national, regional and state level. CWA Action work plans focus on individual NPDES program areas to ensure a coordinated and integrated planning process across the permitting and enforcement programs. The individual NPDES work plans for FY2015 are as follows: 1) Chesapeake Bay Watershed Point Source; 2) MS4-Storm Water; 3) CAFO; and 4) State Review Framework-Permit Quality Review				
Outputs for FY 2016 (Commitments)	Activities for FY2016 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered
Round 2 SRF.	PADEP work in partnership with EPA to ensure completion of the SRF Round 2 report recommendations that PADEP and EPA agree should be implemented within the timeframes set forth in the SRF Round 2 final report, subject to resource availability.			
Round 3 SRF.	Participate in EPA Annual Data Verification Review in 2016.	Completed/sent annual review to EPA. No additional information is needed.	2/11/2016	
Develop FFY2016 Compliance Monitoring Strategy (CMS) for NPDES programs, including MS4s, CAFO and Stormwater Construction Programs.	Submit FFY2017 CMS to EPA by October 1, 2016.	FFY 2017 CMS was submitted to EPA on 9/30/2016.	9/30/2016	
Develop a FFY2015 CMS end of year report for NPDES programs, including MS4s, CAFO and Stormwater Construction Programs.	Submit FFY2016 CMS EOY report within 30 days of receipt of a template from EPA.	DEP will send a FFY 2016 end of year report by 11/30/2016.		
EPA Comments:				
DEP Response:				

Work Plan Component/Program: ICIS NPDES		EPA Contact (s): Nancy Ford	State Contacts: Sean Furjanic	PRC: 202B06
Program Description: Integrated Compliance Information System (ICIS-NPDES)				
Outputs for FY 2016 (Commitments)	Activities for FY2016 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered
DEP will continue to enter or transfer the Water Enforcement National Database (WENDB) data elements to ICIS-NPDES to the maximum extent possible. When EPA promulgates a final NPDES electronic reporting rule, DEP will immediately begin to plan for upgrades in its data systems to accommodate any additional required data elements. DEP will also continue to transfer a significant number of "RIDE" data elements to ICIS-NPDES.	DEP will electronically transfer WENDB permit, permit limit (Majors and significant Bay facilities only) and facility data for all NPDES facilities within 30 days of new, renewed or amended permit issuance.	DEP has not successfully transferred all NPDES permit data to ICIS during the reporting period. DEP's Bureau of Information Technology (BIT) is working on correcting problems with this data flow.		
	DEP will electronically transfer compliance inspection data for all NPDES facilities within 30 days of the inspection date.	BCW has electronically transferred all facility inspections to ICIS during the reporting period.		
	DEP will electronically transfer or manually enter Discharge Monitoring Report (DMR) data for Major and Significant Bay facilities within 30 days of the report due date.	BCW has electronically transferred eDMR data to ICIS for all Major and Significant Bay facilities using its eDMR system. For those that are still using paper DMRs, the data are being manually entered into ICIS within 30 days of the report due date in most cases.		
	DEP will manually enter compliance schedule data into ICIS for Majors only within 45 days of permit issuance.	BCW has electronically transferred relevant narrative conditions to ICIS for Major facilities during the reporting period.		
	DEP will electronically transfer enforcement action data for all NPDES facilities within 30 days of the date the action is executed.	BCW has electronically transferred enforcement action data for Major and Minor facilities during the reporting period.		
	DEP will distribute coordinator QNCRs to regional staff for quality assurance (QA) purposes, participate in conference calls on ICIS issues, conduct ongoing QA of its data systems, respond to EPA requests for data cleanup, and resolve error reports in ECHO and OTIS.	BCW continues to distribute coordinator QNCRs for regional review and cleanup, conduct QA activities, respond to EPA requests for cleanup and error reports, and participate in ICIS conference calls and webinars.		
	DEP will transmit a spreadsheet containing Single Event Violations (SEVs) for all NPDES facilities with the 106 progress reports.	The spreadsheet of SEVs recorded by DEP in its eFACTS system for the period April 1, 2016 through September 30, 2016 is attached to this report.		
EPA Comments:				
DEP Response:				

Work Plan Component/Program: NPDES Permitting Workyears:		EPA Contact (s): Dana Hales	State Contact: Sean Furjanic	PRC: 202B06
Program Description: NPDES Permitting				
Outputs for FY 2016 (Commitments)	Activities for FY2016 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered
Outputs and activities for this measure originated from EPA's Permit Quality Review (PQR). (NOTE – the PQR isn't applicable at this time because EPA has not given us PQR action items)	In lieu of special permit-related report dates for Program Activity Measures (CSO, CAFO, MS4, stormwater, etc.), PA DEP will provide the data reports to EPA according to the Section 106 grant reporting period.			
Reissue and/or terminate 80% of the priority permits identified and agreed to by DEP for FFY 2016 and provide a status of such permits with the six month status report indicating reasons for any potential delays in reissuance or termination.	Work with regional PA DEP NPDES staff and EPA staff in selecting the priority permits list.	PA DEP has satisfied its FFY 2016 priority permit commitments and has sent to EPA its proposed FFY 2017 priority permit selections.	10/14/2016	
EPA Comments:				
DEP Response:				

Work Plan Component/Program: NPDES - CSOs		EPA Contact (s): Dana Hales	State Contact: Sean Furjanic	PRC: 202B06
Program Description: Pennsylvania's CSO Program				
Outputs for FY 2016 (Commitments)	Activities for FY2016 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered
Update and keep current the state inventory of all CSO communities; including those that have implemented, or are on a schedule to implement, a long-term control plan, as well as the mechanism used (e.g., permit requirement, enforcement action). Provide updated information semi-annually to EPA Region 3's CSO coordinator. Pennsylvania has 28 CSO communities covered under a General Permit and 109 communities with individual permits. NPDES permits for CSO communities shall be issued in conformance with the National CSO policy and the PA DEP CSO guidance.	Track and provide follow-ups on CSO permit schedules and assure controls required in either the permit or enforcement order are implemented. When necessary or warranted, initiate appropriate enforcement action against CSO communities not in compliance with the CSO policy, including requirements in permits or enforcement orders. Provide semi-annual updates on CSO NPDES permits to EPA.	Most recent version of CSO facilities in PA (Combined Sewer Overflow listing) is attached to this report. PA has total 129 CSO facilities. 28 covered under PAG-06 (general permit) and 101 are covered under Individual NPDES sewage permits.		
	Maintain and provide a status list of CSO permits, LTCPs, NMCs, and Consent Order & Agreements.	See above.		
EPA Comments:				
DEP Response:				

Work Plan Component/Program: NPDES Permitting – MS4s		EPA Contact (s): Liz Ottinger, Andrew Dinsmore	State Contact: Sean Furjanic	PRC: 202B06
Program Description: Carry out the State MS4 Community program for controlling discharges to protect public health; meet water quality and technology based standards; and assure that the design and construction of water pollution control facilities achieve established effluent limitations. Maintain and update, as needed, the MS4 program policies and guidance.				
Outputs for FY 2016 (Commitments)	Activities for FY2016 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered
Develop FFY 2016 MS4 Compliance Monitoring Strategy (CMS) as part of the comprehensive CMS for NPDES Program described above.	DEP will publish the official designation policy by the end of the first quarter of FFY2016.	The designation policy has not been finalized.		
	Provide a FFY2017 CMS to EPA by October 1, 2015.	Completed last reporting period. The FFY 2017 CMS was transmitted to EPA on 9/30/2016.	9/30/2016	
	All compliance monitoring activities for NPDES-permitted facilities will be transferred to ICIS-NPDES so that EPA may review PA's status in implementing the CMS at any time.	Compliance monitoring activities for MS4s were transferred to ICIS-NPDES.		
Develop a FFY2015 CMS end of year report for NPDES programs, including MS4s, CAFO and Stormwater Construction Programs.	Submit FFY2016 CMS end of year report within 30 days of receipt of a template from EPA.	The FFY 2016 CMS end of year report will be sent to EPA by 11/30/2016.		
Finalize the Stormwater Offsetting Guidance document, to include MS4s.		The stormwater offsetting guidance has not been finalized.		
Develop and implement a Technical Assistance "Circuit Rider" Program for MS4 Communities.	Conduct training sessions to MS4 communities on permitting and inspecting activities.	DEP has not implemented a "circuit rider" program. DEP has however conducted 8 training sessions across the state to educate the public on NOI and Pollutant Reduction Plan requirements.		
Select an outside contractor to help Department staff with the review and development of content for the MS4 workshops, revisions to the Chesapeake Bay Model Plan, the development of staff training for the review of TMDL plans and CBPRPs.		DEP has retained a contractor to assist with the development of "model plans" for MCMs.		
EPA Comments:				
DEP Response:				

Work Plan Component/Program: NPDES Permitting – Stormwater Program		EPA Contact (s): Liz Ottinger, Andrew Dinsmore	State Contact: Aneca Atkinson (Construction) Sean Furjanic (Industrial)	PRC: 202B06
Program Description: NPDES Permitting – Carry out the State stormwater permit program for industrial discharges and construction activities.				
Outputs for FY 2016 (Commitments)	Activities for FY2016 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered
	Provide semi-annual reports on the number of industrial stormwater facilities covered under either an individual or general permit.	Information on industrial stormwater facilities was provided via email to Brian Trulear.	9/30/2016	
Finalize the Stormwater Offsetting Guidance document, to include construction activities.		The stormwater offsetting guidance document has not been finalized.		
	Conduct technical erosion and sediment control and post construction stormwater training for conservation districts and DEP regional office staff.	Training was conducted for conservation district and Department staff on E&S and PCSM aspects of the program, along with administrative program updates.	October 2016	
	Provide semi-annual reports on the number of applications/NOIs received for construction activities covered under either an individual permit or general permit by type.			
	Provide semi-annual reports on the estimated number of construction activities covered under either an individual or general permit.			
EPA Comments:				
DEP Response:				

Work Plan Component/Program: NPDES Permitting – CAFOs		EPA Contact (s): Joel Blanco-Gonzalez/Kyle Zieba	State Contact: Tom Juengst/Steve Taglang	PRC: 202B06
Program Description: NPDES Permitting – Carry out the Confined Animal Feedlot Operation (CAFO) permit program				
Outputs for FY 2016 (Commitments)	Activities for FY2016 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered
	Provide training to program staff as needed.	<p>Details on monitoring manure winter spreading were given to the DEP Ag Advisory Board on April 21. The GP and IP letters prompting operators on winter spreading are sent out in November and examples are attached.</p> <p>DEP staff participated in and presented training to extend more rigorous plan review and inspection to all of animal agriculture farms in the state on May 28 & 29. Conservation districts received the same training starting on July 13.</p> <p>Planning was done for an ag staff training set for October 25.</p>		
Develop and implement program enhancements to ensure consistency with EPA and state regulations in accordance with PAG-12 CAFO Permit Revisions and work with EPA to address observations from the Pennsylvania Animal Agriculture Program Assessment final report dated February 2015.	If EPA's analysis of DEP's Program determines, and DEP agrees with that analysis, that regulatory revisions are needed, regulatory revisions will be done.	DEP observed EPA's inspections of 7 farms in Chester County in May of 2016. Reports were provided to DEP in November 2016.		
Develop and implement the CAFO Program Manual.	<p>Provide semi-annual reports on current facilities covered under either an individual permit or general permit by type.</p> <p>Provide draft permit and permit application packages, including, but not limited to nutrient management and</p>	<p>Submitted</p> <p>These have been provided.</p>		

	E&S/conservation plans for EPA review and comment unless waived by EPA.			
	Submit a list and status of all CAFOs to EPA by the due date of the semi-annual Section 106 progress reports.	Submitted		
	<p>In lieu of special permit-related report dates for Program Activity Measures (CSO, CAFO, MS4, stormwater, etc.), PA DEP will provide the data reports to EPA according to the Section 106 grant reporting period, including the following information:</p> <ul style="list-style-type: none"> • Identify, document, and track the compliance status of all CAFOs. • A list of registered CAFOs and permit status, including facility name and location, number of each animal type (as available), date of administratively complete permit application, and date of permit issuance • The number and type of state inspections, date and number of annual report reviews (as available), and the number of CAFOs with NPDES permits • The number and type of state enforcement actions including, but not limited to, violation description, date/type of enforcement action, penalty (if any), actions taken by the operation to return to compliance and the date the operation returned to compliance. 	<p>Submitted</p> <p>Submitted. Additional animals numbers information has be entered into E-facts as permits are processed.</p> <p>The next set of annual report information will be provided in the March 2017 report.</p> <p>Submitted</p>		
Develop FFY 2016CAFO Compliance Monitoring Strategy (CMS) as part of PA's comprehensive NPDES CMS	Provide a FFY2016 CMS to EPA by October 1, 2015.	Completed last reporting period. The FFY 2016 CMS was transmitted to EPA on 10/1/15.	10/1/2015	
Develop a FFY2015 CMS end of year report for NPDES programs, including MS4s, CAFO and Stormwater Construction Programs.	Submit FFY2015 CMS EOY report within 30 days of receipt of a template from EPA.	Completed last reporting period.	11/30/2015	
EPA Comments:				
DEP Response:				

Work Plan Component/Program: Chesapeake Bay Program		EPA Contact (s): Dana Hales	State Contact: Sean Furjanic	PRC: 202B06
Program Description: Carry out the NPDES program components of the Phase 2 Chesapeake Bay Watershed Implementation Plan.				
Outputs for FY 2016 (Commitments)	Activities for FY2016 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered
DEP will maintain its “Phase 2 WIP Wastewater Supplement” document and provide the latest document to EPA with 106 progress reports.	In the semi-annual Section 106 progress reports, report the number and date of permits issued with numeric limits based on the Commonwealth’s assignment of WLAs for Chesapeake Bay NPDES permits to comply with the assumptions and requirements of the Watershed Implementation Plan, and the Commonwealth’s Chesapeake Bay permitting strategy in addressing the State of Maryland’s water quality standards. (This information will be contained in the Phase 2 WIP Wastewater Supplement DEP will transmit).	Updated version of Phase 2 WIP Wastewater Supplement is dated 10/14/2016 and is attached to this report.		
	As part of the semi-annual progress reports, submit to EPA an updated spreadsheet of the non-significant wastewater dischargers. This spreadsheet is currently maintained by PADEP and will be used to provide information on actual discharge loads where available in order to document/verify the assumptions used in the Chesapeake Bay TMDL to establish the aggregate WLAs for non-significant wastewater dischargers.	Updated version of the spreadsheet containing non-significant wastewater discharges is attached to this report.		
	Submit all draft permits pursuant to the NPDES MOA for EPA review using the NMS system and ftp website.	This has been completed through WMS and FTP website.		
	Compile an annual list of all facilities engaged in nutrient trading, including their compliance status as of October 1, by December 31.			
EPA Comments:				
DEP Response:				

Work Plan Component/Program: NPDES Permitting		EPA Contact (s): Chris Menen	State Contact: Bob Digilarmo	PRC: 202B06
Program Description: POTW Optimization Program (Permitting and Enforcement Supplemental Grant)				
Outputs for FY 2016 (Commitments)	Activities for FY2016 (Commitments)	Progress Made/Other Relevant Information	Completion Date	Problems Encountered
Improved water quality at POTW outfalls and receiving streams through implementation of a wastewater optimization program. The wastewater optimization program is designed to optimize nutrient reduction through low-cost operational improvements. PA DEP will target POTWs that are discharging the highest nutrient levels and/or nutrient loadings.	Prioritize the POTWs that are discharging the highest nutrient levels and select POTWs most likely to succeed with optimization.	Three (3) performance assessments completed.	Ongoing	Currently down one FTE; expecting no more than five (5) optimizations per year.
	Conduct performance assessments at each POTW (10 per year).		Ongoing	
	Lead wastewater operators toward optimized nutrient reduction through training, low-cost operational improvements, and best management practices.	Two (2) final reports completed	Ongoing	
	Summarize and document findings in a report that is presented to POTW staff.		Ongoing	
EPA Comments:				
DEP Response:				

Work Plan Component/Program: Program Management		EPA Contact (s): Suzanne Trevena	State Contact: Crystal Blair	PRC: 202B06
Program Description: Documentation for Maintenance of Effort				
Outputs for FY 2016 (Commitments)	Activities for FY2016	Progress Made/Other Relevant Information	Completion Date	Problems Encountered
<p>45 Full Time Equivalents charged to the Section 106 grant (at 1950 hours per FTE). These are distributed among Water Pollution Control Program Development (CATS work code 36102), the Water Pollution Control program Implementation (36103), Optimization of POTWs (39081), TMDL Development (39391), TMDL Mining Offices (56690), Chapter 102 NPDES Permitting (39701), MS4 Program (39703), and CAFO Program (39705). PA DEP will match these charges to a minimum of the required maintenance of effort of \$1,975,148. (Note: CATS = Cross-Application Time Sheets)</p> <p>Under Pennsylvania statute, and in conjunction with the federal Clean Water Act, PA DEP charges additional CATS work codes to further the goals and purposes of the Water Pollution Control program. These activities and codes include Nutrient Credit Trading Program (36093), General WPC Program Management (36100 and 36101), Chapter 102 E&S (39077), TMDL Program Oversight (39393), Unassessed Water Program (39417 and 39421), NPDES Stormwater Control (39702), MS4 Program Oversight (39704) and CAFO Program Oversight (39706).</p>	<p>Submit summary of time charged with Section 106 status reports</p> <p>Participate in Quarterly Enforcement Management calls to provide necessary information when possible.</p>	See attached summary spreadsheet.		
EPA Comments:				
DEP Response:				